

**WHAT IS CLAIMED IS:**

1. A method for treating or preventing cancer in a mammal, including a human, comprising administering an effective amount of a product obtained from a plant of Pistacia genus.
- 5 2. The method of claim 1 wherein the product is selected from the group consisting of natural products of a Pistacia genus plant, essential oils from a Pistacia genus plant or parts thereof, natural or synthetic components of essential oils from a Pistacia genus plant or parts thereof and mixtures and derivatives thereof..
- 10 3. The method of claim 1 wherein the product is selected from the group consisting of natural products of a Pistacia genus plant containing essential oils, essential oils from a Pistacia genus plant or parts thereof, natural or synthetic components of essential oils from a Pistacia genus plant or parts thereof, mixtures and derivatives thereof.
- 15 4. The method of claim 1 wherein the product is an essential oil obtained from plants of pistacia genus or components thereof.
5. The method of claim 1 wherein the product is a product obtained from essential oils of plants of Pistacia genus or components thereof
6. The method of claim 1, wherein the plants of Pistacia genus are of  
20 European origin.
7. The method of claim 1, wherein the plants of the Pistacia genus are selected from the group consisting of p. Terebinthus, p. Lentiscus and p.Vera.
8. The method of claim 7 wherein the essential oils are essential oils obtained from twigs of p. Lentiscus of Portuguese origin.
- 25 9. The method of claim 7 wherein the essential oils are essential oils obtained from leaves or twigs of p. Lentiscus of Italian origin.
10. The method of claim 9 wherein the essential oils are essential oils obtained from leaves or twigs of p. Lentiscus of Tuscany.
- 30 11. The method of claim 7 wherein the essential oils are selected from the group consisting of essential oils obtained from galls of p. Terebinthus of

Italian origin, essential oils obtained from leaves or twigs of p. Terebinthus of Italian origin and essential oils obtained from fruits of p. Terebinthus of Italian origin.

- 5 12. The method of claim 11 wherein the essential oils are essential oils obtained from galls of p. Terebinthus of Veneto region.
13. The method of claim 7 wherein the essential oils are essential oils obtained from p. Vera of Italian origin.
14. The method of claim 13 wherein the essential oils are essential oils obtained from seeds of p. Vera of Sicily.
- 10 15. The method of claim 1 wherein the cancer is a cancer selected from the group consisting of breast adenocarcinoma, colon adenocarcinoma and ovary adenocarcinoma.
- 15 16. The method of claim 15 wherein the cancer is breast adenocarcinoma and the essential oils are selected from the group consisting of essential oils obtained from p. Lentiscus from Portugal, essential oils obtained from p. Lentiscus from Italy, essential oils obtained from p. Terebinthus of Italian origin and essential oils obtained from p. Vera from Italy.
- 20 17. The method of claim 16 wherein the cancer is breast adenocarcinoma and the essential oils are selected from the group consisting of essential oils obtained from twigs p. Lentiscus from Portugal, essential oils obtained from leaves of p. Lentiscus from Italy, essential oils obtained from galls of p. Terebinthus of Italian origin, essential oils obtained from twigs of p. Terebinthus of Italian origin and essential oils obtained from seeds of p. Vera from Italy.
- 25 18. The method of claim 17 wherein the cancer is ovary adenocarcinoma and the essential oils are essential oils obtained from p. Lentiscus from Portugal, essential oils essential oils from p. Lentiscus from Italy and essential oils obtained from p. Terebinthus of Italian origin.
- 30 19. The method of claim 15 wherein the cancer is ovary adenocarcinoma and the essential oils are essential oils obtained from leaves of p. Lentiscus

from Portugal, essential oils essential oils from leaves of p. *Lentiscus* from Italy, essential oils obtained from twigs of p. *Terebinthus* of Italian origin, essential oils obtained from fruits of p. *Terebinthus* of Italian origin and essential oils obtained from galls of p. *Terebinthus* of Italian origin.

- 5 20. The method of claim 15 wherein the cancer is colon adenocarcinoma and the essential oils are obtained from leaves of p. *Lentiscus* from Portugal.
21. The method of claim 4 wherein the essential oil component is (-)-bornyl acetate and the cancer is selected from the group consisting of colon adenocarcinoma and ovary adenocarcinoma.